

In the claims:

Cancel claims 3-5 and 7.

1. (Currently amended) A method of microwave-assisted protein array fabrication, comprising the steps of:

printing the proteins on a slide of aldehyde surface to produce a protein array, in which the proteins as printed on the slide are immobilized by microwave radiation for 30 to 90 seconds,

immersing the protein array slide in PBSM which comprises 2% w/v [([]) skim milk in PBS buffer, w/v 2%) for the blocking reaction and irradiating with microwave radiation for 1 to 5 minutes for a blocking reaction,

washing the slide with PBST which comprises 0.025% w/v [([]) Tween 20 in PBS buffer, w/w 0.025%),

rinsing the slide with PBS buffer, and dry with drying by centrifugation and proceed to the detection procedure or preserve preserving by refrigeration[();]

which is characterized in that the printed array is immobilized by microwave irradiation, and accelerates the blocking reaction by microwave irradiation.

2. (Currently amended) The method of claim 1, wherein the microwave intensity is radiation has a frequency of 2.00 to 3.00 Ghz.

3-5. (Cancelled)

6. (Currently amended) The method of claim 1, wherein the proteins comprises comprise antibody, antigen and substrates.

7. (Cancelled)